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~~INFORMATION DISCLOSURE  
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*Complete if Known*

Application Number	10/722,812
Filing Date	November 26, 2003
First Named Inventor	SON, Se Hwan
Art Unit	1774
Examiner Name	M.R. Yamnitzky

Attorney Docket Number 29137.051.00 US

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP 07-11249 A	01/13/1995	Mitsui Petrochem Ind Ltd	English Abstract	■
		JP 2005-167175	06/2003	Novaled GMBH	English Abstract	■
		JP-06-163158 A	06/10/1994	Pioneer Elec. Co.	English Abstract	■
		KR-10-2000-0082085	12/26/2000	LG Chem Investments, Ltd.	English Abstract	■
		KR 10-2003-0067773 A	08/19/2003	LG Chemical Ltd.		■
		PCT/KR00/01537	12/21/2000	LG Chemical		
		PCT/KR/2005-001381	05/11/2005	LG Chem. Ltd.		
		WO 03/012890 A2	02/2003	Technische Universitat		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Kim, J.S. et al., "Indium-in oxide treatments for single-and double-layer polymeric light-emitting diodes: The relation between the anode physical/chemical, and morphological properties and the device performance", Joun. of Applied Physics, Vol. 84, No. 12, pp. 6859-70 (Dec. 1998).	
		Kruger, Jessica et al., "Modification of TiO <sub>2</sub> Heterojunctions with Benzoic Acid Derivatives in Hybrid Molecular Solid-State Devices", Advanced Materials, Vol. 12, pp. 447-51 (2000).	
		Pertsev, Koen et al., "Towards Organic N-Type Semi-Conducting Materials", Polymer preprint, 40, pp. 404-5 (1999).	
		G. Gu, et al., "Transparent Organic Light Emitting Devices", Applied Physics Letters, vol. 68 (19), p. 2606-2608 (May 1996).	
		G. Parthasarathy, et al. "A Metal-Free Cathode for Organic Semiconductor Devices" Applied Physics Letters, vol. 72, (17), pp. 2138-2140 (April 1998)	
		L. S. Hung, et al. "Interface Engineering in Preparation of Organic Surface-Emitting Diodes", Applied Physics Letters Vol. 74 (21), pp. 3209-3211 (May 1999).	
		Chien-Wei Chen, et al. "An Effective Cathode Structure for Inverted Top-Emitting Organic Light-Emitting Devices", Applied Physics Letters, vol. 85 (13), pp. 2469-2471 (Sept. 2004).	
		Jie Liu, et al. "Efficient Bottom Cathodes for Organic Light-Emitting Devices", Applied Physics Letters, vol. 85 (5), pp. 837-839 (August 2004).	
		Chang et al., "Dual-color polymer light-emitting pixels processed by hybrid inkjet printing", Applied Physics Letters, 73 (18), pp. 2561-2563 (November 1998).	
		Bimstock et al., "Screen-printed passive matrix displays based on light-emitting polymers", Applied Physics Letters, vol. 78, (24), pp. 3905-3907 (June 2001).	
		J. Cui et al., "Indium Tin Oxide Alternatives - High Work Function Transparent Conducting Oxides As Anodes For Organic Light-Emitting Diodes", pp. 1476-1480, Advanced Materials, 2001, 13, No. 19, (Oct. 2001).	

\*EXAMINER initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication from applicant. Applicant's unique citation designation code (optional): See Kind of Citation Codes of USPTO Patent Document at [www.uspto.gov](http://www.uspto.gov) or MPEP 611.04. \*Trademark Office that issued the patent, application, or publication, two-letter code (WIPO Standard ST. 15). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

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